



## CX2163LNL

- RF TRANSFORMER
- 1:1, 800–1900MHz
- IMPEDANCE = 75 OHMS
- SURFACE MOUNT

### ELECTRICAL SPECIFICATIONS: @ 25°C

#### INSERTION LOSS:

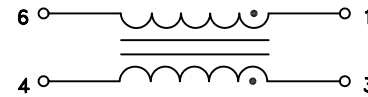
FREQUENCY	
800 – 1900 MHz	-3.0 dB MAX
900 – 1400 MHz	-1.0 dB MAX
1330 MHz	-2.1 dB MAX -0.8 dB MIN

#### RETURN LOSS:

FREQUENCY	
800 MHz	-23 dB MIN
1200 MHz	-22 dB MIN
1600 MHz	-17 dB MIN
1900 MHz	-13 dB MIN

#### NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE: -40°C TO +85°C
2. STORAGE TEMPERATURE: -50°C TO +125°C
3. COMPLIANCE TO J-STD:
  - J-STD-002: SOLDERABILITY AT REFLOW PEAK TEMPERATURE OF 245°C
  - J-STD-020: MSL 1, NO MOISTURE SENSITIVE
  - J-STD-075: R6, 250°C MAXIMUM THROUGH REFLOW SOLDER
4. DIMENSIONS ARE IN INCHES.  
TOLERANCE:
  - .XX= ±.01
  - .XXX= ±.005
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFFIX TO THE PART NUMBER. ie: CX2163LNLT



SCHEMATIC

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PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 1:1, 800–1900MHz

SHEET:

1 OF 2

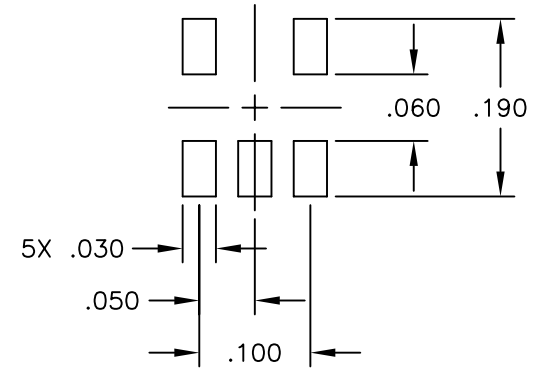
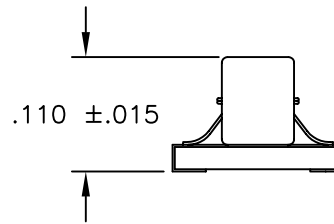
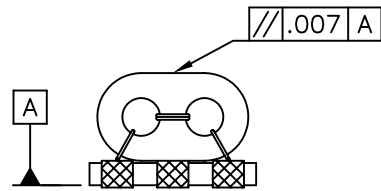
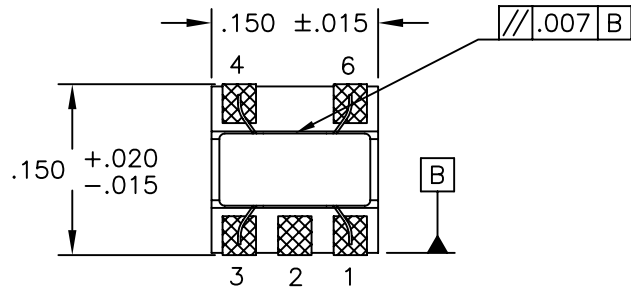
PART NO.

CX2163LNL

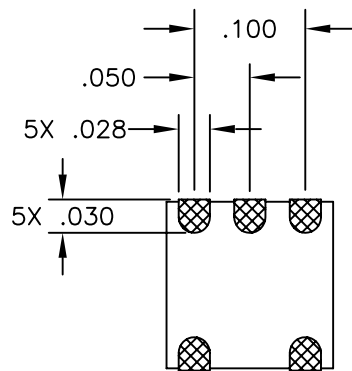
DATASHEET REV.

M15

**MECHANICAL SPECIFICATIONS:**



SUGGESTED LAND PATTERN



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PRODUCT DESCRIPTION:	SHEET:	PART NO.	DATASHEET REV.
XFMR, RF, SGL, RAC, 1:1, 800-1900MHz	2 OF 2	CX2163LNL	M15

# Mouser Electronics

Authorized Distributor

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